

**REMARKS/ARGUMENTS**

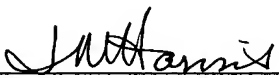
1. Figure 2 description is amended as requested.
2. Claim 1 is amended. Claim 2 is canceled.
3. Applicant grants a terminal disclaimer of Application Nbr. 10/825,912 in favor of U.S. 6,734, 453.

**In conclusion:**

Applicant has complied with Examiner's requests with regard to Figure 2 description, claim amendment and terminal disclaimer.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

  
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**Amendments to the Specification:**

1) Below is the Figure 2 description as published in 2004/0222411:

[0031] FIG. 2(d) graphically illustrates a prior-art inter-band transition band between conduction and valence bands, compared to an intra-band transition of the present invention, with a three dimensionally confined quantum well structure that behaves as a true quantum dot.

As corrected:

[0031] FIGS. 2(d1 and d2) graphically illustrates a prior-art inter-band transition band between conduction and valence bands, compared to an intra-band transition of the present invention, with a three dimensionally confined quantum well structure that behaves as a true quantum dot.

Specification as corrected:

[0031] FIGS. 2(d1 and d2) graphically illustrate a prior-art inter-band transition band between conduction and valence bands, compared to an intra-band transition of the present invention, with a three dimensionally confined quantum well structure that behaves as a true quantum dot.